CASES FROM THE SPECIAL CRASH INVESTIGATION PROGRAM

DRIVERS WHO SUSTAINED FATAL OR SERIOUS INJURIES IN MINOR OR MODERATE SEVERITY AIR BAG DEPLOYMENT CRASHES

	CASE REPORT STATUS ¹	CRASH DATE INVEST DATE	ST	AGE SEX	HT (IN)	WT (LB)	BELT USE	VEHICLE	CHANGE IN VELOCITY (MPH)	PRE-IMPACT BRAKING	INJURY PATTERN*	INJURY SOURCE	DESCRIPTION
1	CA9109 Fatal: Available	6/91 6/91	· IL	79 F	62	120	MIS-USED	91 FORD TAURUS	7.7	YES	PAT 1	AB/SW	INTERSECTION CRASH - SAT NEAR WHEEL
2	CA9112 Fatal: Available	8/91 9/91	PA	36 F	64	112	YES SLUMPED	90 DODGE SHADOW	14	NO	PAT 1	AB/SW	EPILEPTIC BLACK OUT - NEAR SW @ DEPLOYMENT
3	NC9208 Fatal: Available	8/90 UNK	TX	64 F	56	95	UNKNOWN	90 FORD TAURUS	12	UNK	PAT 1	AB/SW	INTERSECTION CRASH- CLOSE TO WHEEL
4	CA9308 Fatal: Available	12/92 5/93	sc	37 F	62	130	NONE	91 CHEVROLET CORSICA	16	YES	PAT 2	AB	SLID OFF IN CULVERT - NEAR AB AT DEPLOYMENT
5	CA9309 Fatal: Available	8/93 8/93	со	71 F	62	129	NONE	90 FORD TAURUS	10	YES	PAT 1 & 2	AB	NEAR AB AT DEPLOYMENT
6	CA9405 Fatal: Available	4/93 2/94	NY	76 F	62	115	NONE	92 CHEVROLET CORSICA	13	UNK	PAT 1 & 2	AB	LEFT ROAD - HIT TREE - MIN/MOD CRASH
7	DS9422 Fatal: Available	2/94 12/94	CA	74 F	59	128	YES	92 CHEVROLET CORSICA	7	YES	PAT 3	AB	HEART LACERATIONS W/ NO RIB FXS
8	IN9505 Fatal: Available	9/94 2/95	IL	51 F	64	148	NONE	90 CADILLAC ELDORADO	13	NO	PAT 1 & 2	AB	AB RELATED HEAD & CHEST INJ
9	IN9506 Fatal: Available	2/95 2/95	· IN	38 F	62	110	NONE	90 LINCOLN CONTINENTAL	11	NO	PAT 2	АВ	AB RELATED HEAD & CHEST INJ
10	DS9523 Fatal: Available	11/95 12/95	WA	17 F	59	126	NONE	89 DODGE DAYTONA	9	NO	PAT 2	AB	AB RELATED BASILAR SKULL FX
11	IN9519 Fatal: Available	11/94 11/95	SC	36 F	65	126	NONE	90 FORD TAURUS	10-15	TBD	PAT 3	AB	HEART LACERATIONS W/ NO RIB FXS
12	IN9609 Fatal:Active	5/94 4/96	IL	46 F	64	140	NONE	94 TOYOTA CAMRY	LT 10	TBD	PAT 2	АВ	ATLANTO-OCCIPITAL (A/O) DISLOCATION, BRAIN INJ

NOTE: Far left column denotes consecutive numbering of fatalities

TBD - TO BE DETERMINED

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PAT 1 = MULTIPLE BILATERAL RIB FXS W/ ADDITIONAL AIS4+ TORSO INJURIES

PAT 2 = BASILAR SKULL FX BRAIN STEM LAC, OFTEN W/ C-SPINE &/OR BRAIN INJURIES

PAT 3 = SERIOUS CARDIAC INJURIES W/ NO RIB FXS

REPORT STATUS

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13	CA9110 Fatal: Available	6/91 6/91	со	46 M	72	230	YES SLUMPED	91 PONTIAC FIREBIRD	19	NO	PAT 1	AB/SW	DIABETIC BLACK OUT - NEAR AB AT DEPLOYMENT
14	NC9307 Fatal: Available	11/92 TBD	PA	78 M	70	230	UNKNOWN	91 CHEVROLET CORSICA	8-10	TBD	PAT 1	AB/SW	LEFT ROAD - HEART ATTACK ? - NEAR AB
15	CA9502 Fatal: Available	8/94 1/95	MS	56 M	70	208	NONE	94 FORD F150	12	YES	PAT 1	АВ	MINOR CRASH W/ BRAKING
16	LTC95026 Fatal: Under Review	10/93 TBD	FL	45 F	64	112	YES	91 MAZDA MIATA	10	TBD	PAT 2	АВ	NEAR AB AT DEPLOYMENT
17	LTC95030 Fatal: Under Review	9/95 TBD	FL	41 F	58	199	YES	94 TOYOTA TERCEL	15	NO	BRAIN	AB	NEAR AB AT DEPLOYMENT
18	UMTRI/FMA-077 Fatal: Available	2/95 TBD	ОН	22 F	61	UNK	NONE	91 FORD TAURUS	10	TBD	PAT 2	AB	MINOR CRASH W/ BRAKING
19	NS9602 Fatal: Active	3/96 4/96	FL	79 M	69	180	YES	95 FORD ESCORT	13	NO	PAT 1	AB	NO PRE-IMPACT BRAKING, MULTIPLE IMPACTS
	CA9617 Active	6/96 10/96	MD	28 F	63	108	YES	90 MAZDA MIATA	MINOR	NO	NON-FATAL NECK FX	АВ	SINGLE VEHICLE CRASH, DISCHARGED FROM HOSPITAL 32 DAYS AFTER CRASH
	CA9509 Available	10/94 4/95	GA	29 F	62	165	NO	92 FORD TAURUS GL SW	8	YES	PLACENTA ABRUPTION	AB	NON-FATAL TWO VEHICLE CRASH WITH BRAKING
	NS9603 Active	10/96 10/96	- MI	48 M	69	187	NO	92 CHEVROLET BERETTA	TBD	TBD	NON-FATAL C-SPINE	AB	SINGLE VEHICLE CRASH INTO CONCRETE BARRIER WITH MULTIPLE IMPACTS
20	CA9619 Fatal: Active	10/96 10/96	MD	26 F	64	160	NO	96 FORD WINDSTAR	20	YES	PAT 1 LIVER LACERATION	AB SW RIM	FRONT-TO-REAR IMPACT WITH SCHOOL BUS, DRIVER EJECTED FROM WHEELCHAIR DURING SECONDARY REAR-END COLLISION
21	IN9628 Fatal:Active	09/96 11/96	WV	71 M	72	176	SHOULDER LAP UNK	94 NISSAN MAXIMA	14	NO	PAT 3	AB	TWO VEHICLE OFFSET HEAD-ON CRASI WITH NO PRE-IMPACT BRAKING

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22	CA9713 Fatal: Active	03/97 3/97	ME	51 M	68	200	NO	94 FORD PROBE	6-8	YES	BLUNT TRAUMA TO CHEST	АВ	SINGLE VEHICLE CRASH INTO GUARDRAIL ON SNOWY ROADWAY
23	IN9712 Fatal: Active	06/96 4/97	ОК	39 F	60	250	NO	94 FORD ASPIRE	13	UNK	BLUNT TRAUMA TO CHEST DISSECTION OF AORTA	АВ	NEAR AB AT DEPLOYMENT. FRONT-TO-REAR IMPACT WITH STOPPED PASSENGER CAR.
24	IN9703 Fatal: Active	05/92 5/93	KS	74 F	61	117	UNKNOWN	91 MERCURY GRAND MARQUIS	8	NO	PAT 1 NECK FX	AB	SINGLE VEHICLE CRASH INTO POLE. NO AVOIDANCE MANEUVERS. RF PASSENGER NO INJURIES.
25	DS9712 Fatal: Active	11/96 6/97	CA	58 F	63	150	YES	96 INFINITI I30	12	NO	MULTIPLE BILATERAL RIB FXS LACERATED AORTA	AB	VEHICLE STRUCK CONCRETE WALL SUSTAINED MODERATE DAMAGE
26	CA9723 Fatal: Active	02/97 6/97	NJ	37 F	64	145	YES	96 FORD EXPLORER	15	YES	BLUNT TRAUMA TO NECK WITH ASPHYXIA	AB	VEHICLE STRUCK WOOD UTILITY POLE DRIVER PREGNANT. FETUS DIES (NO TRAUMA FROM CRASH)
27	CA9724 Fatal: Active	06/97 6/97	DE	53 F	64	167	YES	97 MITSUBISHI GALANT ES	TBD	NO	BLUNT TRAUMA TO CHEST	AB	VEHICLE STRUCK IMPACT ATTENUATOF AT EXIT RAMP.
28	CA9722 Fatal: Active	06/91 6/97	FL	36 F	66	160	NONE	91 CHEVROLET CAPRICE	17	YES	PAT 1 THORACIC	AB/SW	MULTIPLE LEFT RIBS FXS WITH HEMOTHORAX, LACERATION OF AORTA
29	IN9719 Fatal: Active	01/97 6/19	FL	56 F	65	140	NONE	94 BUICK CENTURY	12	YES	PAT 1	AB	MULTIPLE RIB FXS, RUPTURE AORTA
30	CA9721	11/96	FL	78	62	142	NONE	94 OLDSMOBILE CUTLASS CIERA	11-13	YES	BLUNT TRAUMA TO CHEST DISSECTION AORTA	АВ	FRONT-TO-REAR IMPACT; DRIVER REFUSED MEDICAL TREATMENT AT SCENE; DIED SEVERAL HOURS LATER WHILE SEEKING FOLLOW-UP TREATMENT
	Fatal: Active	6/97		F						0			
31	UMTRI/FMA-059 Fatal: Under Review	11/93 12/93	MI	40 M	68	201	NONE	90 FORD TAURUS	19	NO	PAT 1	АВ	FRONT-TO-TREE IMPACT. MULTIPLE RII FXS, LUNG LACERATIONS SUBMITTED BY FORD 7/97

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32	DS9715 Fatal: Active	08/94 06/97	WA	58 M	64	115	SHOULDER ONLY	94 NISSAN SENTRA	11	NO	PAT 1	AB	MULTIPLE RIB FXS WITH HEMOTHORAX, SPLENIC LACERATION
33	IN9707 Fatal: Active	01/94	MI	80 M	72	145	NO	91 FORD CROWN VICTORIA	8-10	NO	PAT 3	АВ	LEFT FRONT CORNER TO GUARDRAIL AORTIC LACERATIONS
34	UM9736 Fatal: Active	04/97 07/97	МІ	60 F	63	187	YES	94 LINCOLN MARK VIII	20.5	NO	C1/C2 DISLOCATION WITH SPINAL CORD INJURY	AB	FRONT TO POLE IMPACT
35	DS9719 Fatal: Active	07/97 09/97	WA	77 F	63	151	YES	93 CHEVROLET CORSICA	14	NO	BLUNT TRAUMA TO HEAD	AB	FRONT TO BUILDING. ACUTE SUBARACNOID AND SUBDURAL HEMORRHAGE
	CA9729 Active	05/97	NC NC	80 M	73	185	NO	91 FORD TAURUS	12	YES	C4-C5 FRACTURE \DISLOCATION RESULTING IN QUADRIPLEGIA	AB	DRIVER EXPIRED APPROXIMATELY SIX WEEKS POST CRASH OF PNEUMONIA. TH NHTSA DEFINITION FOR THE TIME TO DEATH IN A FATAL CRASH IS "EXPIRED WITHIN 30 DAYS OR LESS AFTER THE CRASH".
36	IN9744 Fatal: Active	05/97	- TX	63 M	66	156	NO	96 FORD CONTOUR	5	UNK	SUBARACHNOID HEMORRHAGE/ C5, NOSE, & RIGHT MAXILLA FRACTURES/ FACIAL LACERATIONS	PAB COVER FLAP	ROTATION AND YAW OF THE VEHICLE POSITIONED THE UNBELTED DRIVER OVER THE PAB COVEF FLAP AT THE TIME OF DEPLOYMENT
37	CA9744 Fatal: Active	04/97 11/97	TN	78 F	64	120	NO	92 BUICK LeSabre	21	YES	BLUNT FORCE TRAUMA TO THE CHEST RESULTING IN SUDDEN HEART STOPPAGE	COVER	UNRESTRAINED DRIVER'S CHEST CONTACTED THE AIR BAG MODULE AT TH TIME OF DEPLOYMENT
38	CA9805 Fatal: Active	01/98 02/98	- NJ	71 F	65	150	NO	93 BUICK CENTURY	9	YES	AORTIC LACERATION MULTIPLE RIB FX WITH HEMOTHORACES	AB/AB COVER FLAP	UNRESTRAINED DRIVER'S CHEST CONTACTED THE AIR BAG MODULE AT TH TIME OF DEPLOYMENT

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